INFORMATION DISCLOSURE CITATION ATTY. DOCKET NO. 50277-2250 APPLICANT: Wei Li et al. FILING DATE: August 18, 2003 U.S. PATENT DOCUMENTS U.S. PATENT DOCUMENTS Page of Publication of Page Columns

Exam. Initial*	Cite No.1	U.S. Patent	Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where
muar	NO.	Number	Kind Code ² (If known)	of Cited Document	MM-DD-YYYY	Relevant Passages or Relevant Figures Appear
Ц		5,724,573		Agrawal et al.	03-03-1998	
us		6,138,117	1	Bayardo	10-24-2000	
Щ		6,324,533	B1	Agrawal et al.	11-27-2001	
US		6,415,287	B1	Wang et al.	07-02-2002	
US		6,473,757	B1	Garofalakis et al.	10-29-2002	
us		6,490,582	B1	Fayyad et al.	12-03-2002	
45		6,507,843	B1	Dong et al.	01-14-2003	
US		6,567,936	B1	Yang et al.	05-20-2003	
us		6,665,669	B2	Han et al.	12-16-2003	
Us		6,760,718	B2	Tamura	07-06-2004	
	<u> </u>			·		

Exam.	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Date of	Pages,	T
		Office ³	Number ⁴	Kind Code ^s (If known)	of Cited Document .	Document	Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		ļ	}				ļ	_
			1					

Signature / hm/ 3/	1106

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		1449A/PTO (Mo	dified)	Attorney Docket No.: 50277-2250	Application 1 10/643,628	Number:
	OIP	E		First Named Inventor: Wei Li		
	OCT 0 5	<i>34</i>		Filing Date: August 18, 2003		
1	<i>V</i> ₂	отн	ER ART – NO PA	TENT LITERATURE DOCUM	IENTS	
Examiner Initials*	PRADE CITE No	Include name of item (book, maga	zine, journal, serial, s	AL LETTERS), title of the article (wh symposium, catalog, etc.), date, page(s city and/or country where published	en appropriate), title of the o), volume-issue number(s),	Translation ²
us				Data Mining, Concepts," 10 er 2003, 118 pages.	g Release 1 (10.1),	
						·

Examiner		///	/	Date Considered	2/	,	1	1	
Signature	/ hung	5			3/	17	0	6 _	
		7		<u> </u>	$\overline{}$	7			

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Substitute (use	for Forn	n 1449 A/PTO (Modified) heets as fifted ary)	Attorney Docket No.: 50277- 2250	Application Number: 10/643,628
	-	OCT O B MON SE	First Named Inventor: Wei Li, et al. Filing Date: August 18, 2003	\
		8 TRANTHER ART – NO PAT	ENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL item (book, magazine, journal, serial, syn	LETTERS), title of the article (when appronposium, catalog, etc.), date, page(s), volumery and/or country where published	priate), title of the e-issue number(s),
us		WEI LI, et al., "Computing Fre of the 30 th VLDB Conference, T	quent Itemsets Inside Oracle 10G oronto, Canada, August 29, 2004	", Proceedings , 4 pages.
			·	·
·				
Examiner	1 /		Date Cor	nsidered 3/110/2

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ¹Applicant is to place a check mark here if English language Translation is attached.

INF	ORM		N AP	CLOSUR PLICATIO D-1449)	E CITATION ON OF THE 02 2004 N	ATTY. DOCKET 50277-2250 APPLICANT: Wei Li, et al. FILING DATE: August 18, 200		SERIA 10/643 GROUP 2171	3,628		
					U.S. PATENT DOCU	IMENTS					
Exam. Initial*	Cite No.1	Number	J.S. Patent [Nind Code ² (If known)	Name of Patenter of Cited De		Date of Publication Cited Document MM-DD-YYYY	Ĺ	ges, Columms, ines, Where Relevant Passages or levant Figures Appear		
						ONIMENTE					
	r= <u>-</u> .		 _		OREIGN PATENT DO		Date of	Page			
Exam. Initial*	Cite No. ¹	Office ³	Foreign Patent Document		e ³ Number ⁴ Kind Code ³ of Cited Document				Publication of Cited Document MM-DD-YYYY	Pag Colur Lines, V Relev Passag Relev Figu App	mns, Where vant ges or vant vant
	<u> </u>			OTUED AD	- NO PATENT LITE	PATIDE DOCUM	IFNTS				
Examir Initials		Cite I	nclude nar	ne of the author	(in CAPITAL LETTERS), nal, serial, symposium, cata publisher, city and/or cour	title of the article (who	en appropriate), title of		Translation ²		
US	,			tion from E 2004 (3 pgs	uropean Patent Appl s.).	ication No. 0196	8979.3-2212, dat	ed			
Us		C	urrent C	laims in Eu	ropean Patent Applic	ation No. 01968	979.3-2212 (3 pg	s).			
Examin Signatu			ins/	Col			Date Considered	3/	1/06		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE CITATION ATTY. DOCKET NO. SERIAL NO. 50277-2250 10/643,628 IN AN APPLICATION APPLICANT: (PTO-1449) Wei Li, et al. **GROUP:** FILING DATE: August 18, 2003 2171 TANDA! **U.S. PATENT DOCUMENTS** U.S. Patent Document Name of Patentee or Applicant Date of Publication of Pages, Columns, Exam. Cite Initial* No.1 of Cited Document Cited Document Lines, Where Kind Code² Number Relevant MM-DD-YYYY (If known) Passages or Relevant Figures Appear 2004/0225742 Loaiza et al. 11-11-2004 A1 us

					IGN PATENT DOCUMENTS			
Exam.	Cite	Fo	reign Patent	Document	Name of Patentee or Applicant	Date of	Pages,	ľΥ°
Initial*	No. ¹	Office ³	Number ⁴	Kind Code ⁵ (If known)	of Cited Document	Publication of Cited Document MM-DD-YYYY	Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
l								

		OTHER ART - NO PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²
Ц		Written Opinion from PCT Patent Application No. PCT/US02/06981 dated October 3, 2004(8 pgs.)	
us		Current Claims in PCT Patent Application No. PCT/US02/06981 (8 pgs.)	
US		Office Action from Canadian Patent Application No. 2,448,050 dated October 1, 2004 (2 pgs)	
us		Current Claims in Canadian Patent Application No. 2, 448,050 (48 pgs)	

	_							
Examiner	1	1	1	/ Date Considered	- 1		,	,
Signature	 100	/	Cal		3	1	0	6
		7						

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

^{*}EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

					-
INFORMATION DISCLOSUR IN AN APPLICATI		ATTY. DOCKET 50277-2250	NO.		RIAL NO. /643,628
(PTO-1449)	011	APPLICANT: Wei Li, et al.			
AUG 1 7 2005		FILING DATE: August 18, 2003		GR 0 217	
Car Sept C	U.S. PATENT DOC	UMENTS			·
Exam. Initial* U.S. Patent Document Number Kind Code² (If known)	Name of Patente of Cited D		Date of Publication Cited Document MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
US 2005/0149540 A1	Chan	et al.	07-07-2005		

Exam.	Cite	Fo	reign Patent	Document	Name of Patentee or Applicant	Date of	Pages,	T ⁶
Initial*	No. ¹	Office ³	Number ⁴	Kind Code ⁵ (If known)	of Cited Document	Publication of Cited Document MM-DD-YYYY	Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

Examiner Initials*	Cite No ¹			
		·		

Examiner Signature	Am	1/	Date Considered	3/1	1/0	6
				/	/	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

EXFORMATION DISCLOSURE CITATION ATTY. DOCKET NO. SERIAL NO. 50277-2250 10/643,628 N AN APPLICATION APPLICANT: (PTO-1449) Wei Li, et al. **FILING DATE:** GROUP: August 18, 2003 2171 U.S. PATENT DOCUMENTS Date of Publication of Pages, Columns, U.S. Patent Document Name of Patentee or Applicant Exam. Cite Lines, Where No.1 of Cited Document Cited Document Initial* Kind Code² Number MM-DD-YYYY Relevant (If known) Passages or Relevant Figures Appear 6,453,404 B₁ Bereznyi et al. 09-17-2002

· Exam.	Cite	Foreign Patent Document		Document	Name of Patentee or Applicant	Date of	Pages,	т
Initial*	No.1	Office ³	Number ⁴	Kind Code ⁵ (If known)	of Cited Document	Publication of Cited Document MM-DD-YYYY	Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

OTHER ART - NO PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²			

Examiner	1	10	/	 		Date Considered		,		
Signature	/m	1	/				3		01	_
		/			 			7		

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	<u>•</u>					·				
INF	OR		TION DISC IN AN APPL		E CITATION	ATTY. DOCKET NO. SERIAL NO. 50277-2250 10/643,628				
		,	(PTO-1	/	(4088)	APPLICANT: Wei Li, et al.				
				4	JAN 2 7 2006	FILING DATE: August 18, 200)3	GROUP: 2171		
					U.S. PATENT DOCI					
Exam.	Cite		U.S. Patent Docu	ument	Name of Patente	e or Applicant	Date of Publication			
Initial*	No. ¹		Number Kind Code ² (If known)		of Cited D	ocum e nt	Cited Document MM-DD-YYYY		ant es or Figures	
us		2	006/0004807	A1	Thierry Cru	anes, et al.	01-05-2006			
• \Exam.	Cite		Foreign Patent Do			tee or Applicant	Date of	Pages,	T ⁶	
Initial*	No.	0	Office ³ Number ⁴	Kind Code ³ (If known)	of Cited	Document .	Publication of Cited Document MM-DD-YYYY	1 '		
	<u></u>									
			CO	THED ART	- NO PATENT LITE	PATURE DOCUM	IFNTS	<i></i>		
Examir Initial		Cite No ¹	Include name of	of the author (i	in CAPITAL LETTERS), il, serial, symposium, cata publisher, city and/or cour	title of the article (wh log, etc.), date, page(s	en appropriate), title o		lation ²	
				<u> </u>						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature Date Considered

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.